



PATENT

Attorney Docket No. DKT00140

*J. Garford
7/17/03
8/8*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Baddaria)
Appln No.: 10/001,671)
Filed: October 31, 2001)
For: SPROCKET FOR A ROLLER)
CHAIN WITH TEETH HAVING A)
DIFFERENT FLANK PROFILE ON)
THE SAME SPROCKET)
Group)
Art Unit: 3682)
Examiner: Stefanon, Justin)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

07/07/03

Date Jon A. Birmingham

Registration No. 51,222
Attorney for Applicant(s)

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GROUP 3600

AMENDMENT

Sir:

In response to the Office Action of February 6, 2003,
please amend the aforementioned application as follows:

IN THE CLAIMS:

Please replace claims 10-22, 25 and 30-32 with the following amended claims:

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B

10. (Once Amended) A sprocket for a roller or bushing chain and sprocket system, the sprocket comprising:
a plurality of teeth disposed about the circumference of the sprocket, the sprocket teeth each having a flank profile; and
at least a first flank profile and at least a second flank profile, the second flank profile being different from the first flank profile, the first and second flank profiles arranged in a pattern effective to reduce noise generated by contact between the chain and the sprocket.